



RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/645,250
Source: OIPE
Date Processed by STIC: 8/28/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

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<http://www.uspto.gov/web/offices/pac/checker>

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

INVENTOR
BIOGEN IDEC, INC.

JAN 10 2004

57953/1151



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/645,250

DATE: 08/28/2003
TIME: 10:05:54

Input Set : A:\Ny115101.app
Output Set: N:\CRF4\08282003\J645250.raw

3 <110> APPLICANT: Mahajan, Muktar A
4 Samuels, Herbert H
6 <120> TITLE OF INVENTION: NIF-1 IS A NOVEL CO-TRANSDUCER THAT INTERACTS WITH AND
7 REGULATES THE ACTIVITY OF THE NUCLEAR HORMONE RECEPTOR
8 CO-ACTIVATOR, NRC
10 <130> FILE REFERENCE: 57953/1151
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/645,250
C--> 13 <141> CURRENT FILING DATE: 2003-08-20
15 <150> PRIOR APPLICATION NUMBER: 60/405,752
16 <151> PRIOR FILING DATE: 2002-08-23
18 <160> NUMBER OF SEQ ID NOS: 14
20 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

913 <210> SEQ ID NO: 7
914 <211> LENGTH: 2778
915 <212> TYPE: DNA
916 <213> ORGANISM: Rat
918 <400> SEQUENCE: 7

Does Not Comply
Corrected Diskette Needed

pr 2-3

919 atgttcaacc	acgtgggcag	caaaccctac	aagtgtgacg	aatgcagcta	caccagtgtc	60
920 taccgcaagg	atgttattcg	gcatgcgggc	gtgcacagcc	aggaccgaaa	gaagaggccg	120
921 gatccgaccc	caaagctgag	ctctttccct	tgcccagtgt	gtggccgtgt	ataccccatg	180
922 cagaagagac	taacacagca	catgaagact	cacagtacgg	agaagccaca	catgtgcatg	240
923 aagtgtggaa	agtcctttta	gaagcggtag	accttcaaaa	tgcacttgct	cacacacatc	300
924 caggctgttg	ccaaccgcag	attcaagtgt	gagttctgcg	agtttggttg	tgaggacaag	360
925 aaagcactgt	tgaaccacca	gctgtcccat	gttagcgaca	agcccttcaa	atgcagcttt	420
926 tgtccctatc	gcaccttccg	tgaggacttc	ctgctgtctc	atgtggctgt	gaagcacaca	480
927 ggagccaagc	ccttcgcctg	tgagtactgc	cacttcagca	ctcgccacaa	gaagaacctg	540
928 cgctgcatg	tacggtgccc	acatgcgaa	agctttgagg	agtggggcgg	gcgccaccct	600
929 gaggagcctc	catcccgctg	ccgccccatc	ttctctttgc	aacagataga	gaagctgaag	660
930 cagcagcaca	gtgcggcccc	tgccctctcc	ctcagttcag	caggccccga	ggccccccaa	720
931 gaaccagcac	ctttccagtc	acctgagact	ccccactac	tctgtcctga	tgccctaggt	780
932 ggtgccacaa	tcatctacca	gcaaggcgct	gaggagtcca	ctgcaatggc	cactcagaca	840
933 gccttgatc	tactgttgaa	catgagcgcc	caacgagagc	tgggggccac	agccttgcatg	900
934 gtggtgtgtg	tgaagtcaga	ggacgtggag	gcagagttag	catctactgc	taggcagcct	960
935 tcctctgaag	acaccactcc	acgggtgggt	acacttcagt	tggcagagtc	agggagcagt	1020
936 gtggcagctg	agagccagct	aggcccgctc	gacctacagc	agattgcctt	gccacctggg	1080
937 ccattcagtg	gggccagcta	cagtgtcatc	acagcaccac	ccgtggaggg	gagggcatca	1140
938 gcttccggcc	caccttacag	ggaagaacct	ccaggagagg	cagcccaggc	tgtggttggg	1200
939 aacgacactc	tcaaggaagc	tggcaccac	tatatcatgg	cagctgatgg	gacccagttg	1260
940 caccacattg	agctgactgc	agatggctcc	atctccttcc	caagcccaga	tactctggcc	1320

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/645,250

DATE: 08/28/2003
TIME: 10:05:54

Input Set : A:\Nyl15101.app
Output Set: N:\CRF4\08282003\J645250.raw

941 cctggaacca agtggcccct gctgcagtgt ggagggccac ctagagatgg tctgaggtt 1380
 942 ctgtctccaa cgaagaccca ccatacggga ggctcccagg gctcttccac cccaccccct 1440
 943 gcaaccagcc atgccctagg cctgctagta cccactccc caccgtctgc agcagcttca 1500
 944 tcaacaaaga agttctcctg caaggtgtgc tcagaggcct tccctagccg tgcagagatg 1560
 945 gagagtcaca agcgggcccc tgctgggcct gctgccttca agtgccctga ctgccccttc 1620
 946 agtgctcgcc aatggcccga ggtccgggct cacatggcac agcactccag tctgaggccc 1680
 947 caccagtgc atcagtgtag ctgcgcctcc aagaacaaga aggacctcag gcggcacatg 1740
 948 ctgacacaca ccaatgagaa gccttttctc tgccacgtct gtgggcagcg tttcaacagg 1800
 949 aacgggcacc tcaaattcca catccagcgg ctacatagca tcgatggtag aaagactggg 1860
 950 acttctacag cccgagcccc agcccagacc atcatcctca atagtgaaga ggagacactg 1920
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 952 caggcactga gccaggagca tatcattgtg gcccaggaac agacagtggc caatcaggag 2040
 953 gaagctacct acatccagga aatcacggca gatggccaga cggtagacga tctggtgacc 2100
 954 tcagacaacc aggttcagta tatcatctct caggatggtg tccagcactt gctgcctcag 2160
 955 gagtacgttg tggtccttga tggccatcac atccaggttc aggagggcca gatcacacac 2220
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 959 ccggaacaca ttcaacagct gcagcatcag ggcacgcagt acgacgtcat caccctctcg 2460
 960 gatgactgag cctcaaaggc ccaacgctga tcgtggatat cggggccagc tctcctggag 2520
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 962 ctccaaagga gccagacctg tgctcttggg gggcagccaa gggctccagc caggacatgc 2640
 963 tgggtgtgtc agcctgctgg caggctttgg gagagaaatt tatttttgtt ttgatggacc 2700
 964 cactggctcc tgtctcaata aagggaccag agtccagctc ttgccaaaaa aaaaaaaaaa 2760
 965 aaaaaaaaaa aaaaaaaaaa 2778

see p.3 for
 error
 explanation

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/10/645,250

DATE: 08/28/2003
TIME: 10:05:55

Input Set : A:\Nyl15101.app
Output Set: N:\CRF4\08282003\J645250.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:7; N Pos. 2557